

| | | | | | |
|--|--------------|---|--------------|------------------------|-------------------------------------|
| In place of PTO-1449 Form | | U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | Ex Parte Reexamination of 6,426,916 |
| | | | | Filing Date | Herewith |
| | | | | Applicant(s) | ... |
| | | | | Art Unit | To be Determined |
| | | | | Examiner Name | To be Determined |
| SHEET | 1 (Exhibits) | OF | 3 (Exhibits) | Attorney Docket Number | 38512.3 |

| U. S. PATENT DOCUMENTS | | | | |
|------------------------|---------|-----------------|-----------------------------|---|
| Examiner's Initials | Exhibit | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | A | 6,426,916 | 07-30-2002 | Farnwald, et al. |
| | B | 5,590,086 | 12-31-1996 | Park, et al. |
| | F | 4,480,307 | 10-30-1984 | Budde, et al. |
| | G | 4,315,308 | 02-08-1982 | Jackson |
| | J | 4,933,910 | 06-12-1990 | Olson, et al. |
| | K | 5,361,277 | 03-30-1989 | 11-01-1994 |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|---------|-------------------------|-----------------------------|---|-----------------|
| Examiner's Initials | Exhibit | Foreign Patent Document | Publication Date MM-DD-YYYY | Patentee or Applicant of Cited Document | Translation Y/N |
| | I | JP S56-047996 | 04-30-1981 | Yoshida | Yes |
| | L | GB 2147555 | 05-18-1988 | Loftgren, et al. | |

| NON-PATENT LITERATURE DOCUMENTS | | |
|---------------------------------|----------|--|
| Examiner's Initials | Exhibit | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published |
| | C | Joint Electron Device Engineering Council (JEDEC) Standard No. 21-C, Revision 9 published in 1999 ("JEDEC Standard") |
| | D, Tab 1 | Hyundai, HY5DV651622, Rev. 0.9, published January 2000 ("Hynix -1") |
| | D, Tab 2 | Hyundai, SDRAM Timing Diagram, Rev. 1.2, published December 1999 ("Hynix -2") |
| | D, Tab 3 | Hyundai, DDR SDRAM DEVICE OPERATION, Rev. 0.2, published December 1998 ("Hynix -3") |
| | E, Tab 1 | Intel Corporation, IAPX 432 Interconnect Architecture Reference Manual, published in 1982 ("the IAPX Manual") |
| | E, Tab 2 | Intel Corporation, Electrical Specifications for IAPX 43204 Bus-Interface Unit (BIU) and IAPX 43205 memory control unit (MCU), published March 1983 ("the IAPX Specification") |
| | H | Rau et al., The Cydra 5 Departmental Supercomputer Design Philosophies, Decisions, and Tradeoffs, published in January 1989 ("Rau") |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Customer No. 000027683

| | | | | | |
|--|--------------|---|--------------|------------------------|-------------------------------------|
| In place of PTO-1449 Form | | U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | Ex Parte Reexamination of 5,794,060 |
| | | | | Filing Date | Herewith |
| | | | | Applicant(s) | ... |
| | | | | Art Unit | To be Determined |
| | | | | Examiner Name | To be Determined |
| SHEET | 2 (Exhibits) | OF | 3 (Exhibits) | Attorney Docket Number | 33142.9 |

| NON-PATENT LITERATURE DOCUMENTS | | |
|---------------------------------|---------|--|
| Examiner's Initials | Exhibit | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published |
| | M | Johnson et al., <u>A Variable Delay Line PLL for CPU - Coprocessor Synchronization</u> , IEEE Journal of Solid-State Circuits, vol. 23, no. 5, published October 1988 ("Johnson") |
| | N | Intel Corporation, <u>Memory Components Handbook</u> , Chapter 1 and Chapter 3, Application Note AP-132, published in 1982 and 1985 ("the iRAM reference") |
| | O | Claim chart for claims 1-5, 10, 12-16, 18-20, 23, 25-32, 35, 37, and 39-41 based on Park, with additional reference to the JEDEC Standard |
| | P | Claim chart for claims 1-5, 9-10, 12-16, 18-20, 23, 25-27, 30-32, 35, 37, and 40-41 based on the JEDEC Standard |
| | Q | Claim chart for claims 1-41 of the '916 patent based on the iAPX Manual, with additional reference to Rau, Yoshida, Olson, Johnson, Lofgren, and Grover |
| | R | Claim chart for claims 1-41 of the '916 patent based on Budde, with additional reference to Rau, Yoshida, Olson, Johnson, Lofgren, and Grover |
| | S | Patent Family Tree Chart |
| | T | File History of the '916 patent |
| | U | File History of U.S. Patent No. 6,452,988 ("the '863 parent patent") (Tab 1 identifies the original disclosure of the '863 parent patent, and Tab 2 identifies the remaining portions of the file history) |
| | V | <i>Rambus Inc. v. Samsung Electronics Ltd., et al.</i> No. C 05 02298 RMW (N.D. Cal. 2006), Preliminary Infringement Contentions |
| | W | <i>Samsung Electronics Co., Ltd., v. Rambus Inc.</i> No. 3:05cv406 (E.D. Va. 2006), Memorandum Opinion filed July 18, 2006 |
| | X | <i>Hynix Semiconductor, Inc. et al. v. Rambus Inc.</i> , No. CV 00-20905 RMW (N.D. Cal. 2005), Joint Claim Construction and Prehearing Statement Pursuant to Patent Local Rule 4-3 |
| | Y | <i>Hynix Semiconductor, Inc. et al. v. Rambus Inc.</i> , No. CV 00-20905 RMW (N.D. Cal. 2005), Claim Construction Order filed Nov. 15, 2004 |
| | Z | Selected Excerpts from the Trial Transcript from <i>Hynix Semiconductor, Inc. et al. v. Rambus Inc.</i> , No. CV 00-20905 RMW (N.D. Cal. 2005). |
| | AA | <i>Rambus Inc. v. Infineon Technologies et al.</i> , No. 3:00cv524 (E.D. Vir. 2001), Memorandum Opinion |
| | AB | <i>Rambus Inc. v. Infineon Technologies AG</i> , 318 F.3d 1081 (Fed. Cir. 2003) |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Customer No. 000027683

| | | | | | |
|--|--------------|---|--------------|------------------------|-------------------------------------|
| In place of PTO-1449 Form | | U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | Ex Parte Reexamination of 5,794,060 |
| | | | | Filing Date | Herewith |
| | | | | Applicant(s) | ... |
| | | | | Art Unit | To be Determined |
| | | | | Examiner Name | To be Determined |
| SHEET | 3 (Exhibits) | OF | 3 (Exhibits) | Attorney Docket Number | 33142.9 |

| NON-PATENT LITERATURE DOCUMENTS | | |
|---------------------------------|-----------|---|
| Examiner's Initials | Exhibit | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published |
| | AC | Waters, <u>Hynix Told To Pay Damages To Rambus</u> , Financial Times, April 24 2008 |
| | AD | Poletti, <u>Rambus wins victory from Supreme Court - Win Could Lead To Success For Rambus' Other Lawsuits Seeking Royalties</u> , San Jose Mercury News, Oct. 07, 2003 |
| | AE | Kanellos, <u>Future of memory market hangs on Rambus trials - It's the trial of the century, at least as far as the memory industry is concerned</u> , CNET News.com, Feb. 12, 2001, http://news.com.com/Future+of+memory+market+hangs+on+Rambus+trials/2100-1001_3-252404.html |
| | AF | Appeal Board Decision dated Feb. 12, 2004, Summary of Facts and Submissions for the oppositions filed against European Patent No. 0 525 068 |
| | AG | Summary of Facts and Submissions for the oppositions filed against European Patent No. 1 004 956 |
| | AH, Tab 1 | In the Matter of Rambus, Inc., FTC Docket No. 9302, Opinion of the Commission |
| | AH, Tab 2 | In the Matter of Rambus, Inc., FTC Docket No. 9302, Concurring Opinion of Commissioner Jon Leibowitz |
| | AH, Tab 3 | In the Matter of Rambus, Inc., FTC Opinion Docket No. 9302, Order Reversing and Vacating Initial Decision ... |
| | AI, Tab 1 | Rambus' Final Infringement Contentions in the Hynix Litigation |
| | AI, Tab 2 | Exhibit A (accused products) to Rambus' Final Infringement Contentions |
| | AI, Tab 3 | Exhibit P ('916 Infringement chart) to Rambus' Final Infringement Contentions |
| | AI, Tab 4 | Exhibit R (Exemplary data sheet) to Rambus' Final Infringement Contentions |
| | AJ | CD-ROM including present Request for <i>Inter Partes</i> Reexamination and Exhibits |
| | | |
| | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.